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1 [Direct microprogrammed execution of the intermediate text from a high-level language compiler](#)



Francois Robert Broca, Richard E. Merwin

 May 1973 **ACM SIGPLAN Notices , Proceedings of the meeting on SIGPLAN/SIGMICRO interface**, Volume 9 Issue 8

Publisher: ACM Press

Full text available: pdf(654.98 KB)

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Microprogramming commonly executed operations can improve the computational speed of data processing systems. This paper describes how microprogramming may be used to execute directly the intermediate text generated by a high-level language compiler after syntactic and semantic analysis of the input source program. Direct microprogrammed execution of common forms of intermediate text - i.e.: quadruples, triples, and duos - has been simulated. A comparison is made, in terms of sto ...

2 [Direct microprogrammed execution of the intermediate text from a high-level language compiler](#)



Francois Robert Broca, Richard E. Merwin

August 1973 **Proceedings of the annual conference ACM'73**

Publisher: ACM Press

Full text available: pdf(521.76 KB)

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Microprogramming commonly executed operations can improve the computational speed of data processing systems. This paper describes how microprogramming may be used to execute directly the intermediate text generated by a high-level language compiler after syntactic and semantic analysis of the input source program. Direct microprogrammed execution of common forms of intermediate text - i.e.: quadruples, triples, and duos - has been simulated. A comparison is made, in terms of sto ...

3 [The direct execution of intermediate languages on an Eclipse computer](#)



R. E. M. Cooper

March 1980 **ACM SIGMICRO Newsletter**, Volume 11 Issue 1

Publisher: ACM Press

Full text available: pdf(332.48 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

The use of intermediate languages as a convenient means of developing portable high-level language compilers, appears to be growing. With this approach, the compiler for language A (which may be written in language A) compiles the source code into an intermediate language I, which is usually a pseudo-machine language. For each machine that the language is to be implemented on, there is then either a program that converts I